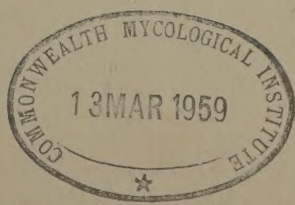


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BIOLOGISCHE BUNDESANSTALT
FÜR LAND- UND FORSTWIRTSCHAFT
IN BERLIN-DAHLEM

BIBLIOGRAPHIE
DER PFLANZENSCUTZ-
LITERATUR

BIBLIOGRAPHY
OF PLANT PROTECTION

BIBLIOGRAPHIE
DE LA PROTECTION DES PLANTES

1950

Bearbeitet von

Regierungsrat

Dr. J. Bärner

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Vorwort

Die »Bibliographie der Pflanzenschutzliteratur« wurde von Oberregierungsrat Professor Dr. Morstatt im Jahre 1921 zum ersten Male herausgegeben und umfaßt in 23 Bänden die Pflanzenschutzliteratur der Jahre 1914—1945 und 1951.

Vorliegende Bibliographie enthält über 13300 Literaturzitate des Jahres 1950. In nächster Zeit sollen die fehlenden Jahrgänge 1946—1949 nach und nach erscheinen und so die vorhandenen Lücken geschlossen werden.

Die von Prof. Morstatt geschaffenen Gruppierungen wurden beibehalten. Um jedoch aus dem umfangreichen Material ein schnelles und sicheres Auffinden der gesuchten Literatur zu gewährleisten, war es unerlässlich, die einzelnen Kapitel, ihrem Umfang entsprechend, weiter aufzuteilen. Dies trifft besonders für die einzelnen Abschnitte über pilzliche Parasiten und Insektenschädlinge zu. Aus praktischen Erwägungen heraus sind hier die Überschriften lateinisch bezeichnet und systematisch geordnet. Wo sich jedoch die systematische Gliederung als unzuverlässig erwies, wurde eine alphabetische Anordnung der betreffenden Familien und Gattungen bevorzugt, so z. B. in den Abschnitten III, 5 »Handelspflanzen« und III, 9 »Zierpflanzen«.

Die mit römischen und arabischen Zahlen versehenen Hauptabteilungen und Hauptkapitel blieben, entsprechend der Aufteilung früherer Ausgaben der Bibliographie der Pflanzenschutzliteratur, unverändert, um eine laufende Eingruppierung der Literaturnachweise in die Gesamtkartei des Pflanzenschutzes zu ermöglichen. Diese befindet sich in der Biologischen Bundesanstalt für Land- und Forstwirtschaft, Berlin-Dahlem, und umfaßt über 300 000 Karteikarten.

Sämtliche Kapitelüberschriften sind in einem ausführlichen Inhaltsverzeichnis aufgeführt, und es ist empfehlenswert, vor dem Aufsuchen von Literatur diesen Index weitgehend zu benutzen. Hinzukommen die »lebenden Kolumnentitel«, die für eine allgemeine Orientierung ausreichend sind.

Titel, Einleitungen, Kapitelüberschriften und »lebende Kolumnentitel« werden in drei Sprachen, deutsch, englisch und französisch, wiedergegeben. Erläuterungen zur Quellenangabe, wie Seitenzahlen, Abbildungen usw., erscheinen bei Literaturzitaten deutscher Arbeiten in deutscher Sprache, bei ausländischen durchgehend in lateinischer. Die entsprechenden Abkürzungen sind nachfolgender Tabelle zu entnehmen:

lateinisch	deutsch	englisch	französisch
ann. = annuus	Jahrg. = Jahrgang	annual publication	année
ed. = editio	Aufl. = Auflage	edition	édition
fig. = figura(e)	Abb. = Abbildung(en)	figure	figure, illustration
nr. = numerus	Nr. = Nummer(n) Heft(e)	number	numéro
n. ser. = nova series	n. S. = neue Serie neue Reihe	new series	série nouvelle
p. = pagina(e)	S. = Seite(n)	page	page
separ. = separatum	Sdr. = Sonderdruck	special print	tirage à part
tab. = tabula	Taf. = Tafel(n)	plate	planche
tab. col. = tabula colorata	Farbtaf. = Farbtafel(n)	coloured plate	planche en couleurs
tab. geogr. = tabula geographica	Kart. = Karte(n) Landkarte(n)	map	carte
vol. = volumen	Bd. = Band Bde. = Bände	volume	volume, tome

Um bei der Dokumentation von Veröffentlichungen allgemeinen Inhalts Überschneidungen zu vermeiden, sind auch den Untergruppierungen Kapitel mit allgemeinen Themen vorangestellt.

Literaturangaben über die Gattungen *Morus* und *Salix* wurden gesondert an den Schluß des Kapitels III, 8 »Forstgehölze« gestellt. Im Abschnitt IV, 2b »Biologische Bekämpfung« sind die Überparasiten nicht getrennt aufgeführt, sondern innerhalb der zoologisch-systematischen Einteilung zu finden.

In eckigen Klammern beigefügte Texte dienen zur besseren Inhaltsbezeichnung des Literaturzitats.

Allen, die dazu beigetragen haben, die oft beträchtlichen Schwierigkeiten beim weiteren Ausbau der Bibliographie der Pflanzenschutzliteratur zu überwinden, sei an dieser Stelle besonders gedankt.

Berlin-Dahlem, den 1. Juni 1956

Johannes Bärner

Introduction

The »Bibliographie der Pflanzenschutzliteratur« was issued the first time by Oberregierungs-
rat Prof. Dr. Morstatt in 1921, and includes in 23 volumes the phytopathological literature
for the years 1914—1945 and 1951.

This bibliography comprises more than 13 300 titles for 1950. Subsequent volumes from
1946—1949 shall follow very soon to close the gap gradually.

The provided arrangements of Prof. Morstatt were kept on. In order to guarantee a
fast and sure way of locating the desired literature it was indispensable to classify the single
chapter according to their extents in a more particular way. This is especially true of the
single sections on the mycological parasites and entomological pests. From a practical
consideration, the headings have been written in the Latin language and have been arranged
systematically. Where the systematical classification has proved unsuitable, however, an
alphabetical one of the families and species concerned has been used, such as in chapter III, 5
»Commercial plants« and in chapter III, 9 »Ornamental plants«.

The main departments and chapters, using Roman and Arabic numerals, have remained
unchanged according to the classification of the former editions of the bibliographies of
plant protection, thus facilitating a continuous arrangement of the literature works of reference
into a card index of plant protection. This card index is to be found in the »Biologische
Bundesanstalt für Land- und Forstwirtschaft, Berlin-Dahlem«, and comprises more than
300 000 cards.

All the chapter headings have been specified in the detailed contents. Hence, it is recom-
mended to use this index extensively before looking up the desired literature. In addition,
there are the »living headings«, which are sufficient for general information.

Titles, introductions, chapter headings and »living headings« have been written in three
languages, German, English, and French. Explanations as to the sources, the numbers
of pages, figures, etc., have appeared in the German language where German works are
quoted and in Latin for all the foreign works. The abbreviations used are to be taken from
the following table:

Latin	German	English	French
ann. = annuus	Jahrg. = Jahrgang	annual publication	année
ed. = editio	Aufl. = Auflage	edition	édition
fig. = figura(e)	Abb. = Abbildung(en)	figure	figure, illustration
nr. = numerus	Nr. = Nummer(n) Heft(e)	number	numéro
n. ser. = nova series	n. S. = neue Serie neue Reihe	new series	série nouvelle
p. = pagina(e)	S. = Seite(n)	page	page
separ. = separatum	Sdr. = Sonderdruck	special print	tirage à part
tab. = tabula	Taf. = Tafel(n)	plate	planche
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tab. geogr. = tabula geographica	Kart. = Karte(n) Landkarte(n)	map	carte
vol. = volumen	Bd. = Band Bde. = Bände	volume	volume, tome

In order to avoid repetition of the quotations of literature, »general parts« have been inserted into the sub-chapters.

Statements of literature on the species of *Morus* and *Salix* have been put at the end of chapter III, 8 »Forest trees«. In the chapter IV, 2b »Biological control« the hyperparasites have not been listed separately, but can be found in the zoological systematical classification.

Texts within cornered brackets serve as more distinct contents of the quotations of literature.

To all those who have contributed to overcoming the often considerable difficulties in completing this bibliography of the literature of plant protection, I give particular thanks.

Berlin-Dahlem, June 1, 1956

Johannes Bärner

Introduction

La »Bibliographie der Pflanzenschutzliteratur« fut publiée dès 1921 par le Oberregierungs-rat Prof. Dr. Morstatt. En 23 volumes, elle compile la littérature spéciale de la période de 1914—1945 et 1951.

Ce tome contient plus que 13300 titres de l'année 1950. Les volumes qui compileront les travaux à partir de 1946 jusqu'à 1949 ne sont pas encore achevés et suivront ce volume-ci successivement pour combler graduellement la lacune encore existante.

La classification adoptée par Prof. Morstatt est gardée; cependant il était indispensable de spécifier davantage les chapitres les plus volumineux afin de faciliter les travaux désirés dans le matériel considérable. En particulier cette subdivision a été appliquée aux chapitres traitant des champignons pathogènes et des insectes nuisibles. Il a été considéré pratique de reproduire les en-têtes de ces chapitres en latin et de les classer systématiquement. L'ordre alphabétique a été préféré pour les familles et genres dont une classification systématique n'était pas indiquée, par exemple chapitre III, 5 »plantes du commerce« et III, 9 »plantes horticoles«.

Les divisions et chapitres principaux munis de chiffres romains et arabes sont restés inchangés. Ils correspondent toujours à ceux des éditions précédentes de la »Bibliographie der Pflanzenschutzliteratur« afin de faciliter l'enregistrement dans le fichier de la protection des plantes. Celui se trouve à »Biologische Bundesanstalt für Land- und Forstwirtschaft« à Berlin-Dahlem et comporte plus de 300 000 fiches.

Tous les en-têtes figurent sur une table des matières détaillée et pour les recherches de littérature nous recommandons de se servir toujours de cet index. S'y ajoutent les »titres courants« qui suffiront pour une orientation générale.

Les titres, les introductions, les en-têtes et les »titres courants« se trouvent reproduits en allemand, français et anglais. Les renseignements concernant l'indication des sources (numéros des pages, illustrations etc.) figurent en allemand s'il s'agit de publications allemandes et en latin pour les publications étrangères. Les abréviations se trouvent expliquées ci-après:

latin		allemand		français		anglais
ann.	= annuus	Jahrg.	= Jahrgang	année		annual publication
ed.	= editio	Aufl.	= Auflage	édition		edition
fig.	= figura(e)	Abb.	= Abbildung(en)	figure, illustration		figure
nr.	= numerus	Nr.	= Nummer(n) Heft(e)	numéro		number
n. ser.	= nova series	n. S.	= neue Serie neue Reihe	série nouvelle		new series
p.	= pagina(e)	S.	= Seite(n)	page		page
separ.	= separatum	Sdr.	= Sonderdruck	tirage à part		special print
tab.	= tabula	Taf.	= Tafel(n)	planche		plate
tab. col.	= tabula colorata	Farbtaf.	= Farbtafel(n)	planche en couleurs		coloured plate
tab. geogr.	= tabula geographica	Kart.	= Karte(n) Landkarte(n)	carte		map
vol.	= volumen	Bd.	= Band	volume, tome		volume
		Bde.	= Bände			

Des chapitres d'un thème général précèdent aussi les subdivisions afin d'éviter des répétitions dans la documentation.

La littérature citée pour les genres *Morus* et *Salix* est traitée à part à la fin du chapitre III, 8 »arbres forestiers«. Les hyperparasites (chapitre IV, 2b »lutte biologique«) n'ont pas été mentionnés séparément mais font partie de la classification zoologique.

Les textes entre crochets précisent le contenu de la littérature citée.

Nous tenons à remercier particulièrement tous ceux qui ont contribué à surmonter les difficultés s'opposant à l'achèvement de la »Bibliographie der Pflanzenschutzliteratur«.

Berlin-Dahlem, 1^{er} juin 1956

Johannes Bärner

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Diseases with various or unknown causes

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b. Mangelkrankheiten

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e. Unkräuter

Weeds — Mauvaises herbes

Allgemeiner Teil

General part — Partie générale

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Identification, microscopie et purification

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f. Übertragung

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1. Vegetation und Kulturpflanzen im allgemeinen Übersicht über das Auftreten von Pflanzenkrankheiten und Schädlingen

Vegetation and cultivated plants in general Survey of the incidence of plant diseases and parasites

Végétation et plantes cultivées en général Résumé de la fréquence des maladies végétales et de leurs parasites

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Saatgut-Beizung

Seed disinfection

Désinfection de semences

(Siehe auch — see also — voyez aussi p. 327.)

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3. Kartoffeln und Rüben

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b. Rüben

Beets — Betteraves

(Siehe auch — see also — voyez aussi p. 164.)

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a. Tabak — Tobacco — Tabac

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Klimaeinflüsse

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9. Zierpflanzen, Garten- und Gewächshauspflanzen Ornamental plants, garden and greenhouse plants Plantes horticoles, plantes de décoration et de serre

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12. Krankheiten nicht kultivierter Pflanzen und der Kryptogamen

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IV. Maßnahmen des Pflanzenschutzes

Measures of plant protection

Principes de la protection des plantes

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c. Chemische Bekämpfung

Control by chemicals

Lutte par des produits chimiques

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3. Förderung und Organisation des Pflanzenschutzes

Advancement and organization of the plant protection

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